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## INDEX TO AMERICAN BOTANICAL LITERATURE

1910-1920

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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**Atanasoff, D.** *Fusarium*-blight (scab) of wheat and other cereals.

Jour. Agr. Research **20**: 1-32. *pl.* 1-4. + *f.* 1-2. 1 O 1920.

**Barker, E. E.** La arboleda de las carreteras. Revista Agric. Puerto

Rico **5**: 41-46. O 1920.

**Benoist, R.** Contribution à l'étude de la flore de la Guyane française.

Bull. Mus. Nat. Hist. Natur. **1920**: 351-357. 1920.

Includes 2 new species of *Casearia*.

**Berry, E. W.** The ancestors of the sequoias. Sci. Am. Monthly **2**:

207, 208. N 1920.

**Bisby, G. R., & Tolaas, A. G.** Potato diseases in Minnesota. Univ.

Minnesota Agr. Exp. Sta. Bull. **190**: 1-44. *f.* 1-28. Je 1920.

**Bitting, K. G.** The effect of certain agents on the development of some

moulds (*Penicillium expansum*, *Alternaria Solani*, and *Oidium lactis*). pp. 1-176. *pl.* 1-62. Washington. N 1920.

**Blaringhem, L.** Sur les collections de plantes vivantes de l'Arnold

Arboretum (Université d'Harvard, près Boston, États-Unis).

Bull. Soc. Bot. France **66**: 403-405. 7 My 1920.

**Boyce, J. S.** The dry-rot of incense cedar. U. S. Dept. Agr. Bull.

871: 1-58. *pl.* 1-3 + *f.* 1-3. 10 N 1920.

**Boynnton, K. R.** *Ceratostigma plumbaginoides*. Addisonia **5**: 45, 46.

*pl.* 183. 30 S 1920.

- Boynton, K. R.** *Monarda media*. *Addisonia* 5: 39. *pl.* 180. 30 S 1920.
- Carey, C. L.** A method of preparation and some properties of a starch gel. *Bull. Torrey Club* 47: 455-463. 29 O 1920.
- Chase, V. H.** Francis Eugene M'Donald. *Rhodora* 22: 145, 146. *portrait.* 29 O 1920.
- Chidsey, C. E.** Knots and boles on forest trees. *Sc. Am. Monthly* 2: 209, 210. N 1920.
- Clinton, G. P.** New or unusual plant injuries and diseases, found in Connecticut, 1916-1919. *Connecticut Agr. Exp. Sta. Bull.* 222: 397-482. *pl.* 33-55. Au 1920.
- Clute, W. N.** How often does a branch bear leaves? *Gard. Chron.* 24: 375. N 1920.
- Clute, W. N.** Naming flowers. *Flower Grower* 7: 171. N 1920.
- Coburn, L. H.** *Marsilea quadrifolia* in Maine. *Rhodora* 22: 156. 29 O 1920.
- Couch, J. F., & Giltner, L. T.** An experimental study of *Echinacea* therapy. *Jour. Agr. Research* 20: 63-84. 1 O 1920.
- Creswell, M.** The American ash. *Nature Study Rev.* 16: 279-284. O 1920.
- Doolittle, S. P.** The mosaic disease of cucurbits. *U. S. Dept. Agr. Bull.* 879: 1-69. *pl.* 1-10. 15 N 1920.
- Earle, F. S.** La extirpación del mosaico de la caña como medio de represión. *Puerto Rico Dept. Agric. y Trab. Bol.* 22: 1-19. Ja 1920.
- Earle, F. S.** Sugar cane root disease. *Jour. Dept. Agr. Porto Rico* 4: 27. Ja 1920.
- Espino, R. B.** Some aspects of the salt requirements of young rice plants. *Philipp. Jour. Sci.* 16: 455-523. *pl.* 1. My 1920.
- Fernald, M. L.** *Gaultheria procumbens*, L., forma *suborbiculata*, n. f. *Rhodora* 22: 155, 156. 29 O 1920.
- Fernald, M. L.** *Lactuca hirsuta*, Muhl., forma *calvifolia*, n. f. *Rhodora* 22: 156. 29 O 1920.
- Gersdorff, C. E. F.** The history of the rose in America. *Flower Grower* 7: 169, 170. N 1920.
- Gile, P. L., & Carrero, J. O.** Cause of lime-induced chlorosis and availability of iron in the soil. *Jour. Agr. Research* 20: 33-61. *pl.* 5-6. 1 O 1920.

- Greaves, J. E. & Carter, E. G.** Influence of moisture on the bacterial activities of the soil. *Soil Sci.* **10**: 361-387. *f.* 1-4. N 1920.
- Hauman, L.** Un viaje botánico al lago Argentino [Patagonia]. *An. Soc. Cient. Argent.* **89**: 179-281. *pl.* 1-11 + *f.* 1-12. 1920.
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- Hitchcock, A. S.** The North American species of *Chaetochloa*. *Contrib. U. S. Nat. Herb.* **22**: 155-208. *f.* 36-62. 1920.  
4 new combinations.
- Hitchcock, A. S.** The North American species of *Echinochloa*. *Contrib. U. S. Nat. Herb.* **22**: 133-153. *f.* 25-35. 1920.  
3 new combinations.
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- Hutchinson, J.** *Bocconia* and *Macleaya*. *Kew Bull. Misc. Inform.* **1920**: 275. 1920.  
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- Johansen, H.** El cultivo del toronjõ. *Revista Agric.* **16**: 199-202. 31 O 1920. [Illust.]
- Johnston, E. S.** Nutrient requirement of the potato plant grown in sand. Cultures treated with "Type I" solutions. *Soil. Sci.* **10**: 389-408. *pl.* 1 + *f.* 1-5. 1920.
- Kunkel, L. O., & Orton, C. R.** The behavior of American potato varieties in the presence of the wart. *U. S. Dept. Agr. Circ.* **111**: 10-17. *f.* 2-3. O 1920.
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- Lyman, G. R.** Potato wart in the United States. *U. S. Dept. Agr. Circ.* **111**: 3-10. *f.* 1. O 1920.
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